

REC 16-140


KNOLLWOOD ENERGY

Knollwood Energy of MA LLC
P.O. Box 30
Chester, New Jersey 07930

January 13, 2016

NHPUC 19 JAN '16 PM 2:55

Debra A. Howland
Executive Director
New Hampshire Public Utilities Commission
21 South Fruit Street, Suite 10
Concord, NH 03301-2429

Dear Ms Howland,

Enclosed please find applications for 12 systems to be part of the Knollwood Energy of MA LLC (NH-II-13-089) Class II Photovoltaic aggregation for New Hampshire Renewable Energy Certificates (RECs) generated from customer-sited sources, pursuant to New Hampshire Code of Administrative Rules Puc 2506.

Also enclosed are the Simplified Process Interconnection Application and Service Agreement, and the Certificate of Completion.

Electronic versions have been entered into the new online application system under batch number KN16004.

Dan Jean	Peter Mans
Budd Konn	William Mealey
Don Kraemer	Donald Melvin
Donald LaPerle	Bruce Mills
Ray MacDonald	Carrie Nolet/Lucie Swain
Galen Lanpier	Ryan Morency

Please feel free to contact me with any questions or further instructions.
Thank you for your consideration,

Linda Modica
New England REC Operations Manager
Knollwood Energy of MA LLC
973.879.7826
linda@knollwoodenergy.com

NH Public Utilities Commission

REC Aggregator Portal

New Users [CLICK HERE](#) to setup your account for this form. Creating an account enables you to partially complete the form and return later to finish it or to make changes after the form is submitted. Be sure to create your account **BEFORE** entering information into the form, or the information will be lost.

Existing Users [CLICK HERE](#)

Basic Information

Who is submitting this request?

Aggregator

Aggregator Batch Number

KN16004

Executive Director email

PUC - Executive.Director

Aggregator name

Knollwood Energy

Aggregator Email

linda@knollwoodenergy.com

Other Aggregator name

Other aggregator email address

Facility Owner Name

Donald LaPerle

Facility Owner email

donrae1900@gmail.com

Owner Phone

603-923-8775

Facility Address

28 Copperline Drive

Facility Town/City

Epsom

Facility State

NH

Facility Zip

03234

Is the facility address the same as the owner's mailing address

☒ Yes

☐ No

Mailing Address

Mailing Town/City

Mailing State

Mailing Zip

Primary Contact (who should we call with questions)

Linda Modica

Contact Phone

Other Email Address

Facility Information

Class

II

Utility

Unitil

Other Utility Name

To obtain a GIS ID contact:

James Webb

408 517 2174

jwebb@apx.com

GIS ID (include "NON")

Date of Initial Operation

Facility Operator Name, if applicable

Panel Quantity

Panel Make

Panel Model

Panel Rated Output

System capacity based on panels

Inverter Quantity

Inverter Make

Inverter Rated Output

Add'l Inverter Quantity

NA

Additional Inverter Make

None

Add'l Inverter Model

Rated Output - Primary Inverter

215

Rated Output - Additional Inverter

System capacity based on single inverter make

0.03

System capacity based on two inverter types

System capacity in mW as stated on the interconnection agreement

3.4

Revenue Grade Meter Make

AEE Solar

Was this facility installed directly by the customer (no electrician involved)?

- ☐ Yes
☒ No

Electrician Name & Number

Brian Pare12245M

Other Electrician Name & Number

Installation Company

SunRay Solar

Other Installation Company Name

Other Inst. Company Address

Other Inst. Company City

Other Inst. Company State

Other Inst. Company Zip

Independent Monitor Name & Company

Paul Button - Energy Audits Unlimited

Other Monitor Name and Company

Is the installer also the equipment supplier?

- ☒ Yes
☐ No

Equipment Vendor

Please attach your completed interconnection agreement including Exhibit B.

https://fs30.formsite.com/jan1947/files/f-5-99-5874022_LpR9oHVh_LaPerle_SPIA.pdf

The project described in this application will meet the metering requirements of PUC 2506 including:

Electricity generation in megawatt hours shall be reported to the GIS quarterly with a statement that the submission is accurate by the owner of the source, the independent monitor or a designated representative.

A revenue quality meter is used to measure the electricity generated.

The facility owner has certified to the independent monitor that the meter operates according to manufacturing standards.

The meter shall be maintained according to the manufacturer's recommendations.

The project is installed and operating in conformance with applicable building codes.

A copy of the facility's interconnection agreement is attached.

Please attach additional document here

https://fs30.formsite.com/jan1947/files/f-5-168-5874022_pZ69LFSK_LaPerle_COC.pdf

Please attach additional document here

https://fs30.formsite.com/jan1947/files/f-5-173-5874022_5TjlbIPZ_LaPerle_NHOS.pdf

Aggregator statement of accuracy

Sign your name using a mouse or, if you are using a touch-screen device, a stylus or other pointer.



Print Name

Linda Modica

Date Signed

01/13/2016



UNITIL ENERGY SYSTEMS, INC.
INTERCONNECTION STANDARDS FOR INVERTERS
SIZED UP TO 100 KVA (Continued)

Simplified Process Interconnection Application and Service Agreement

Contact Information:

Date Prepared: 9/4/2015

Legal Name and address of Interconnecting Customer (or, Company name, if appropriate)

Customer Name (print): Donald LaPerle Contact Person, if Company: _____

Mailing Address: 28 Copperline drive

City: EPSOM State: N.H. Zip Code: 03234

Telephone (Daytime): 603-781-8476 (Evening): same

Facsimile Number: _____ E-Mail Address: don.Rue.1900@gmail.com

Alternative Contact Information (e.g., system installation contractor or coordinating company, if appropriate):

Name: SunRay Solar, LLC

Mailing Address: 124A Hall Street

City: Concord State: NH Zip Code: 03301

Telephone (Daytime): 603-225-6001

(Evening): _____

Facsimile Number: _____ E-Mail Address: Amanda@spreadthesunshine.com

Electrical Contractor Contact Information (if appropriate):

Name: SunRay Solar, LLC

Telephone: 603-225-6001

Mailing Address: 124A Hall Street

City: Concord State: NH Zip Code: 03301

Facility Information:

Address of Facility: 28 Copperline drive

City: EPSOM State: NH Zip Code: 03234

Electric Service Company: Unitil Account Number: 1163831-101308 Meter Number: 465660

Inverter Manufacturer: Enphase Model Name and Number: M215 Quantity: 16

Nameplate Rating: 215 (kW) 344 (kVA) (AC Volts) Single x or Three Phase

System Design Capacity: 432 (kVA) (kVA)

Net Metering: If Renewably Fueled, will the account be Net Metered? Yes x No

Prime Mover: Photovoltaic ☒ Reciprocating Engine ☐ Fuel Cell ☐ Turbine ☐ Other

Energy Source: Solar ☒ Wind ☐ Hydro ☐ Diesel ☐ Natural Gas ☐ Fuel Oil ☐ Other

UL 1741.1 (IEEE 1547.1) Listed? Yes x No

Estimated Install Date: September 2015

Estimated In-Service Date: September 2015

Customer Signature

I hereby certify that, to the best of my knowledge, all of the information provided in this application is true and I agree to the Terms and Conditions on the following page:

Interconnecting Customer Signature: Donald LaPerle Title: owner Date: 8-27-15

Please attach any documentation provided by the inverter manufacturer describing the inverter's UL 1741 listing.

Approval to Install Facility (For Company use only)

Installation of the Facility is approved contingent upon the terms and conditions of this Agreement, and agreement to any system modifications, if required (Are system modifications required? Yes No x To be Determined):

Company Signature: [Signature] Title: Manager Date: 8-27-15

Company waives inspection/Witness Test? Yes No



UNITIL ENERGY SYSTEMS, INC.
INTERCONNECTION STANDARDS FOR INVERTERS
SIZED UP TO 100 KVA (Continued)

Exhibit B - Certificate of Completion for Simplified Process Interconnections

Installation Information:

☐ Check if owner-installed

Customer(print): Donald LaPerle
Mailing Address: 28 Copperline drive
City: EPSOM State: N.H. Zip Code: 03234
Telephone (Daytime): 603-781-8476 (Evening): Same
Facsimile Number: _____ E-Mail Address: don.Rae1900@gmail.com

Address of Facility (if different from above): _____
City: _____ State: _____ Zip Code: _____

Electrical Contractor's Name (if appropriate): SunRay Solar, LLC
Mailing Address: 124A Hall Street
City: Concord State: NH Zip Code: 03301
Telephone (Daytime): 603-225-6001 (Evening): _____
Facsimile Number: _____ E-Mail Address: Amanda@spreadthesunshine.com
License number: 12245M

Date of approval to install Facility granted by the Company: _____

Application ID number: _____

Inspection:

The system has been installed and inspected in compliance with the local Building/Electrical Code of

EPSOM Merrimack N.H.
(City/County)

Signed (Local Electrical Wiring Inspector, or attach signed electrical inspection): [Signature]

Name (printed): M Moulton

Date: 9-14-15

As a condition of interconnection you are required to send/fax a copy of this form to:

Generator Interconnection Applications
Unitil
325 West Road
Portsmouth, NH 03801
Fax: 603-294-5226

New Hampshire PUC REC Certification Application Owner Statements

The information provided on this application for New Hampshire Renewable Energy Certificate eligibility is accurate to the best of my knowledge and I authorize Knollwood Energy to act on my behalf in filing said application.

The project described in this application will meet the metering requirements of PUC 2506 including:

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The facility owner has certified to the independent monitor that the meter operates according to manufacturing standards.

The meter shall be maintained according to the manufacturer's recommendations.

The project is installed and operating in conformance with applicable building codes.

A copy of the facility's interconnection agreement is attached.

Donald LaPerle

Printed Name of signature owner



Donald LaPerle (Dec 1, 2015)

Signature of system owner